

93385773

CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7555

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7555

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>Douglas Aircraft Company</b> 19503 South Normandie Avenue, Torrance, CA 90502		Attn: Rob Tuell M/S C6-59		A. State Manifest Document Number <b>93385773</b>	
4. Generator's Phone (310) 533-7926 OR (310) 533-7231		6. US EPA ID Number <b>CA D0000083121</b>		B. State Generator's ID <b>HIAHQ36005698</b>	
5. Transporter 1 Company Name <b>Laidlaw Environmental Services of CA, Inc.</b>		8. US EPA ID Number <b>UT D991301748</b>		C. State Transporter's ID <b>423510</b>	
7. Transporter 2 Company Name		10. US EPA ID Number		D. Transporter's Phone <b>(310) 518-4700</b>	
9. Designated Facility Name and Site Address <b>USPC/Grassy Mountain Facility</b> 3Mi east, 7 Mi north of Knolls Exit #41 off of I-80 <b>Clive, UT</b>		12. Containers No. Type		E. State Transporter's ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		13. Total Quantity		F. Transporter's Phone	
a. Waste corrosive solids, n.o.s.; 8; UN1759; PG II		004 DF		G. State Facility's ID	
b. Waste batteries, dry, containing potassium hydroxide solid; 8; UN3028; PG III		001 DF		H. Facility's Phone <b>(801) 595-3900</b>	
c. RQ, waste asbestos; 9; NA2212; PG III		003 DM		I. Waste Number State 181 EPA/Other N/R	
d. RQ, hazardous waste, solid, n.o.s.; 9; NA3077; PG III (D008)		001 DM		State 181 EPA/Other D008	
J. Additional Descriptions for Materials Listed Above 11a) GM90-1212. Acid spill clean-up. b) GM91-1996. Alkaline batteries. c) GM92-1533. Asbestos containing waste. d) GM90-3012. Foundry dust, kirkite, sweepings.		K. Handling Codes for Wastes Listed Above a. 03 b. 03 c. 03 d. 03			
15. Special Handling Instructions and Additional Information 24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a)60 b)60 c)31 d)31					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>Robert G. Tuell, Jr.</b>		Signature <i>Robert G. Tuell, Jr.</i>		Month Day Year <b>06/03/94</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>JACK JOHNSON</b>		Signature <i>Jack Johnson</i>		Month Day Year <b>06/03/94</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19: Printed/Typed Name <i>Jonathan Taylor</i>		Signature <i>Jonathan Taylor</i>		Month Day Year <b>06/07/94</b>	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.  
(Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> (Continuation Sheet)		21. Generator's US EPA ID No. <b>CAD086510005</b>	Manifest Document No. <b>85773</b>	22. Page <b>2 of 2</b>	Information in the shaded areas is not required by Federal law.	
23. Generator's Name <b>Douglas Aircraft Company</b>				L. State Manifest Document Number <b>93385773</b>		
				M. State Generator's ID <b>HAHQ36005698</b>		
24. Transporter _____ Company Name		25. US EPA ID Number		N. State Transporter's ID		
26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone		
				P. State Transporter's ID		
				Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
		No.	Type			
a. <b>HM</b> <b>RO</b> <b>Hazardous waste, solid, n.o.s.; 9; NA3077; PG III (D007)</b>		<b>001</b>	<b>DM</b>	<b>00630</b>	<b>P</b> <b>181</b> <b>D007</b>	
b. <b>RO</b> <b>Waste environmentally hazardous substances, solid, n.o.s., 9, UN 3077, PG III (Asbestos)</b>		<b>001</b>	<b>DM</b>	<b>00165</b>	<b>P</b> <b>181</b> <b>NR</b>	
c. <b>X</b> <b>(Empty crushed containers)</b> <b>Non-RCRA hazardous waste solid</b>		<b>010</b>	<b>DM</b>	<b>00965</b>	<b>P</b> <b>512</b> <b>NR</b>	
d. <b>X</b> <b>Waste corrosive solids, n.o.s., 8, UN 1759, PG II</b>		<b>009</b>	<b>DF</b> <b>DM</b> <b>213</b> <b>06-03-94</b>	<b>03400</b>	<b>P</b> <b>181</b> <b>NR</b>	
e. <b>X</b> <b>(Scrubber water clean-up, solid)</b> <b>Non-RCRA hazardous waste solid</b>		<b>001</b>	<b>DM</b>	<b>00555</b>	<b>P</b> <b>181</b> <b>NR</b>	
f. <b>X</b> <b>(Magnesium Turnings)</b> <b>Non-RCRA hazardous waste solid</b>		<b>001</b>	<b>DM</b>	<b>00055</b>	<b>P</b> <b>181</b> <b>NR</b>	
g. <b>X</b> <b>(Oil contaminated solids)</b> <b>Non-RCRA hazardous waste solid</b>		<b>012</b>	<b>DM</b>	<b>03865</b>	<b>P</b> <b>352</b> <b>NR</b>	
h.						
i.						
S. Additional Descriptions for Materials Listed Above 28a) GM90-3010. Grinding sludge.      f) GM90-2946. Magnesium turnings. b) GM90-0603. Sealant tubes cont/asbestos.      g) GM91-248. Oil contaminated solids. c) GM89-1774. Empty crushed containers cont. with paint and resin. d) GM92-0161. Sodium Hydroxide solid. e) GM90-3282. Scrubber water spill clean-up.			T. Handling Codes for Wastes Listed Above a. 03      b. 03 c. 03      d. 03 e. 03      f. 03 g. 03			
32. Special Handling Instructions and Additional Information <b>24 HOUR EMERGENCY TELEPHONE NUMBER (800) 424- 9300 (CHEMTREC).</b> <b>DOT ERG # 28a)31 b)31 c)N/A d)60 e)N/A f)N/A g)N/A</b>						
33. Transporter _____ Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name		Signature		Month Day Year		
34. Transporter _____ Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy Indication Space <b>949-3827</b>						



93385773  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
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7. Transporter 2 Company Name		10. US EPA ID Number		D. Transporter's Phone <b>(310) 518-4700</b>	
9. Designated Facility Name and Site Address <b>USPCI/Grassy Mountain Facility</b> 3Mi east, 7 Mi north of Knolls Exit #41 off of I-80 <b>Clive, UT</b>		12. Containers No. Type		E. State Transporter's ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		13. Total Quantity		F. Transporter's Phone	
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b. Waste batteries, dry, containing potassium hydroxide solid; 8; UN3028; PG III		001 DF 00015 P		H. Facility's Phone <b>(801) 595-3900</b>	
c. RQ, waste asbestos; 9; NA2212; PG III		003 DM 00390 P		I. Waste Number State 181 EPA/Other N/A	
d. RQ, hazardous waste, solid, n.o.s.; 9; NA3077; PG III (D008)		001 DM 00165 P		State 181 EPA/Other D008	
J. Additional Descriptions for Materials Listed Above 11a) GM90-1212. Acid spill clean-up. b) GM91-1996. Alkaline batteries. c) GM92-1533. Asbestos containing waste. d) GM90-3012. Foundry dust, kirkelite, sweepings.		K. Handling Codes for Wastes Listed Above a. b. c. d.			
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Printed/Typed Name <b>Robert G. Tuell, Jr.</b>		Signature <i>Robert G. Tuell, Jr.</i>		Month Day Year <b>06 03 94</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>JACK JOHNSON</b>		Signature <i>Jack Johnson</i>		Month Day Year <b>06 03 94</b>	
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DO NOT WRITE BELOW THIS LINE.



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. <b>CAD086510005</b>	Manifest Document No. <b>85773</b>	22. Page <b>2 of 2</b>	Information in the shaded areas is not required by Federal law.	
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				M. State Generator's ID <b>H AHQ 36005698</b>		
24. Transporter Company Name		25. US EPA ID Number		N. State Transporter's ID		
				O. Transporter's Phone		
26. Transporter Company Name		27. US EPA ID Number		P. State Transporter's ID		
				Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit	R. Waste No.	
		No.	Type	Wt/Vol		
a. <input checked="" type="checkbox"/> <b>RQ</b>	Hazardous waste, solid, n.o.s.; 9; NA3077; PG III (D007)	<b>001</b>	<b>DM</b>	<b>00630</b>	<b>P</b> 181 D007	
b. <input checked="" type="checkbox"/> <b>RQ</b>	Waste environmentally hazardous substances, solid, n.o.s., 9, UN 3077, PG III (Asbestos)	<b>001</b>	<b>DM</b>	<b>00165</b>	<b>P</b> 181 N/R	
c. <input checked="" type="checkbox"/> <b>X</b>	(Empty crushed containers) Non-RCRA hazardous waste solid	<b>010</b>	<b>DM</b>	<b>00965</b>	<b>P</b> 512 N/R	
d. <input checked="" type="checkbox"/> <b>X</b>	Waste corrosive solids, n.o.s., 8, UN 1759, PG II	<b>009</b>	<b>DF</b> <b>DM</b>	<b>03400</b> <b>06-15-94</b>	<b>P</b> 181 N/R	
e. <input checked="" type="checkbox"/> <b>X</b>	(Scrubber water clean-up, solid) Non-RCRA hazardous waste solid	<b>001</b>	<b>DM</b>	<b>00555</b>	<b>P</b> 181 N/R	
f. <input checked="" type="checkbox"/> <b>X</b>	(Magnesium Turnings) Non-RCRA hazardous waste solid	<b>001</b>	<b>DM</b>	<b>00055</b>	<b>P</b> 181 N/R	
g. <input checked="" type="checkbox"/> <b>X</b>	(Oil contaminated solids) Non-RCRA hazardous waste solid	<b>012</b>	<b>DM</b>	<b>03865</b>	<b>P</b> 352 N/R	
h.						
i.						
S. Additional Descriptions for Materials Listed Above 28a) GM90-3010. Grinding sludge. f) GM90-2946. Magnesium turnings. b) GM90-0663. Sealant tubes cont/asbestos. g) GM91-248. Oil contaminated solids. c) GM89-1774. Empty crushed containers cont. with paint and resin. d) GM92-0161. Sodium Hydroxide solid. e) GM90-3282. Scrubber water spill clean up.				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY TELEPHONE NUMBER (800) 424-9300 (CHEMTREC). DOT ERG # 28a) 31 b) 31 c) N/A d) 60 e) N/A f) N/A g) N/A						
33. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name		Signature		Month Day Year		
34. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy Indication Space						







Laidlaw Environmental Services of California, Inc.

SERVICE ORDER 92-78881  
JOB NO. 240120  
DATE 6/3/94

TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD000083121

☐ 4501 Pacheco Blvd.  
Martinez, CA 94553  
(510) 372-4800

☐ 3237 Patton Way  
Bakersfield, CA 93308  
(805) 835-5801 or  
(805) 589-4970

☐ 221 E. "D" Street  
Wilmington, CA 90744  
(310) 518-4700

Customer Name: DOUGLAS AIRCRAFT

Telephone: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Contact Person: DAVID SEITZ (IT)

City: TORRANCE State CA

BOE #: \_\_\_\_\_

Job Location: 190TH X NORMANDIE

Destination: USPCT

Type of Material: \_\_\_\_\_

Sales Person: \_\_\_\_\_

Generator: \_\_\_\_\_

EPA Number: \_\_\_\_\_

Generator ID Number (State): \_\_\_\_\_

Facility EPA NO.: \_\_\_\_\_

Disposal: LES Facility \_\_\_\_\_ Outside Facility \_\_\_\_\_ None \_\_\_\_\_

Customer P.O. 27064-H6071

Manifest # 93385773 # \_\_\_\_\_

# \_\_\_\_\_ # \_\_\_\_\_

Services Performed \_\_\_\_\_

PLU 60 DRUMS FOR USPCT

Start Miles: 279240

End Miles: 279250

Total Miles: \_\_\_\_\_

Truck No.: 16061

Trailer No: 16036T

Net Wgt: \_\_\_\_\_

Capacity: \_\_\_\_\_

Driver Time: Start (AM/PM) 0600

Stop (AM/PM) \_\_\_\_\_

Gross Time \_\_\_\_\_

Meals: Start Time (AM/PM) \_\_\_\_\_

Stop (AM/PM) \_\_\_\_\_

Less Time \_\_\_\_\_

Other Time \_\_\_\_\_

Detail \_\_\_\_\_

Adj. Time \_\_\_\_\_

Driver's Name J. JOHN SON

Driver No. \_\_\_\_\_

Total Time \_\_\_\_\_

Customer Site: Time In 0700

Disposal Site: Time In \_\_\_\_\_

Time In \_\_\_\_\_

Time Out 0945

Time Out \_\_\_\_\_

Time Out \_\_\_\_\_

Explanation of Time: \_\_\_\_\_

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Robert B. Inell, Jr. 06-03-94

FOR ACCOUNTING ONLY

ROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	N/HAZ SOLIDS				
14000	TRANS		DT			24010	HAZ LIQUIDS				
	2ND DRIVER					24010	N/HAZ LIQUIDS				
	SUBHAULER					24020	DRUMS				
54045	LABOR					24025	SOLID SURCHG				
94065	BIN RENTAL					24025	STABILIZATION				
14000	TRANS (NO DISP)					24025	LIQ SURCHG				
14000	WASHOUT						TAXES				
14000	SCALE/CERTS						TAXES				
14000	SUBSISTENCE					34035	ANALYTICAL				
74055	TOLLS					74055	MISC CHARGES				
90465	TYVEK					74055	MISC CHARGES				
90465	BOOTS										
90465	GOGGLES										
90465	GLOVES										
90465	BIN LINERS										
70455	OTHERS										

93385773 / 85773

**USPCI**A Subsidiary of  
Union Pacific Corporation**CERTIFICATE OF NON-RCRA HAZARDOUS WASTE**

Douglas Aircraft Company, here called "Generator" has contracted with United States Pollution Control, Inc., here called "Contractor" for transportation, storage, treatment, and disposal of the solid waste described below and Generator hereby certifies and warrants to Contractor that the solid waste to be so disposed of is not "hazardous waste" as that term is defined in Title 42 United States Code § 6903, because said waste meets the following conditions:

- a) Said waste is exempt from regulation because it meets the provisions of Title 40 Code of Federal Regulations § 261.4, and/or,
- b) Said waste is not listed as a hazardous waste in Subpart D of Title 40 Code of Federal Regulations Part 261 and said waste is not classified as a hazardous waste in Subpart C of Title 40 Code of Federal Regulations Part 261 as a result of actual testing or knowledge of the hazard characteristics of the waste in light of the materials or processes used.

**DESCRIPTION ON NON-RCRA WASTE:**

oil contaminated solids

**ORIGIN OF WASTE:****TYPICAL ANALYSIS OF WASTE:****Compound****Concentration or Volume**oil  
vermiculite  
Rings10 - 20  
20 - 60  
0 - 10**DATED this** \_\_\_\_\_06-03-1994Douglas Aircraft Company  
**GENERATOR**

Robert G. Tuell, Jr.  
By Robert G. Tuell, Jr.  
Senior Plant Engineer Title

Man# / Doc #

9538573 / 85773

# USPCI



A Subsidiary of  
Union Pacific Corporation

GM90-2946

## CERTIFICATE OF NON-RCRA HAZARDOUS WASTE

Douglas Aircraft Company, here called "Generator" has contracted with United States Pollution Control, Inc., here called "Contractor" for transportation, storage, treatment, and disposal of the solid waste described below and Generator hereby certifies and warrants to Contractor that the solid waste to be so disposed of is not "hazardous waste" as that term is defined in Title 42 United States Code § 6903, because said waste meets the following conditions:

- Said waste is exempt from regulation because it meets the provisions of Title 40 Code of Federal Regulations § 261.4, and/or,
- Said waste is not listed as a hazardous waste in Subpart D of Title 40 Code of Federal Regulations Part 261 and said waste is not classified as a hazardous waste in Subpart C of Title 40 Code of Federal Regulations Part 261 as a result of actual testing or knowledge of the hazard characteristics of the waste in light of the materials or processes used.

### DESCRIPTION OF NON-RCRA WASTE:

Magnesium Turnings

### ORIGIN OF WASTE:

magnesium machining

### TYPICAL ANALYSIS OF WASTE:

#### Compound

Magnesium  
Aluminum  
Zinc  
Silicon  
Manganese  
Nickel

#### Concentration or Volume

87-94  
8-10  
6-2  
0-.5  
0-.2  
0-.01

DATED this

06-03-94

19

Douglas Aircraft Company

GENERATOR

Robert G. Tuell, Jr.

By Robert G. Tuell, Jr.  
Senior Plant Engineer Title



MAN# / Doc#

93385773 / 85773

**USPCI**A Subsidiary of  
Union Pacific Corporation

GM 90-3282

**CERTIFICATE OF NON-RCRA HAZARDOUS WASTE**Douglas Aircraft Company

contracted with United States Pollution Control, Inc., here called "Contractor" for transportation, storage, treatment and disposal of the solid waste described below and Generator hereby certifies and warrants to Contractor that the solid waste to be so disposed of is not "hazardous waste" as that term is defined in Title 42 United States Code § 6903, because said waste meets the following conditions:

- a) Said waste is exempt from regulation because it meets the provisions of Title 40 Code of Federal Regulations § 261.4, and/or,
- b) Said waste is not listed as a hazardous waste in Subpart D of Title 40 Code of Federal Regulations Part 261 and said waste is not classified as a hazardous waste in Subpart C of Title 40 Code of Federal Regulations Part 261 as a result of actual testing or knowledge of the hazard characteristics of the waste in light of the materials or processes used.

**DESCRIPTION ON NON-RCRA WASTE:**

Scrubber water spill clean-up.

**ORIGIN OF WASTE:**

Scrubber water spill

**TYPICAL ANALYSIS OF WASTE:****Concentration**

Sodium Hydroxide  
Sodium Bisulfate  
Water  
Absorbent

**Concentration or Volume**

0-2 %  
0-1  
0-30  
66-100

X DATED this \_\_\_\_\_

06-03-94

DOUGLAS AIRCRAFT COMPANY  
GENERATOR

Robert G. Tuell, Jr.  
By Robert G. Tuell, Jr.

Title

MAN# / DOC#

93385773 / 85773

# USPCI



A Subsidiary of  
Union Pacific Corporation

GM 89-1774

## CERTIFICATE OF NON-RCRA HAZARDOUS WASTE

Douglas Aircraft Company, here called "Generator" has contracted with United States Pollution Control, Inc., here called "Contractor" for transportation, storage, treatment, and disposal of the solid waste described below and Generator hereby certifies and warrants to Contractor that the solid waste to be so disposed of is not "hazardous waste" as that term is defined in Title 42 United States Code § 6903, because said waste meets the following conditions:

- a) Said waste is exempt from regulation because it meets the provisions of Title 40 Code of Federal Regulations § 261.4, and/or,
- b) Said waste is not listed as a hazardous waste in Subpart D of Title 40 Code of Federal Regulations Part 261 and said waste is not classified as a hazardous waste in Subpart C of Title 40 Code of Federal Regulations Part 261 as a result of actual testing or knowledge of the hazard characteristics of the waste in light of the materials or processes used.

### DESCRIPTION OF NON-RCRA WASTE:

Empty crushed containers contaminated  
with paint and resin

### ORIGIN OF WASTE:

Bulking of materials

### TYPICAL ANALYSIS OF WASTE:

#### Compound

Crushed / cut up  
parts w/ paint & resin

#### Concentration or Volume

100%

DATED this

06-03-1994

Douglas Aircraft Company  
GENERATOR

Robert G. Tuell, Jr.

By Robert G. Tuell, Jr.  
Senior Plant Engineer. Title

**268.43 Table CCW—Constituent Concentrations In Waste**  
MARK STANDARD THAT APPLIES

F001-F005 spent solvents	Concentration (in mg/l)		Indicate line item from front (eg. A, B, C...)
	Wastewaters containing spent solvents	All other spent solvent wastes	
<input type="checkbox"/> Acetone .....	0.28	160.0	
<input type="checkbox"/> Benzene .....	0.070	3.7	
<input type="checkbox"/> n-Butyl alcohol.....	5.6	2.6	
<input type="checkbox"/> Carbon tetrachloride.....	0.057	5.6	
<input type="checkbox"/> Chlorobenzene .....	0.057	5.7	
<input type="checkbox"/> Cresol (m- and p- isomers).....	0.77	3.2	
<input type="checkbox"/> o-cresol.....	0.11	5.6	
<input type="checkbox"/> o-Dichlorobenzene .....	0.088	6.2	
<input type="checkbox"/> Ethyl acetate.....	0.34	33.0	
<input type="checkbox"/> Ethylbenzene.....	0.057	6.0	
<input type="checkbox"/> Ethyl ether .....	0.12	160.0	
<input type="checkbox"/> Isobutanol.....	5.6	170.0	
<input type="checkbox"/> Methylene chloride .....	0.089	33.0	
<input type="checkbox"/> Methyl ethyl ketone .....	0.28	36.0	
<input type="checkbox"/> Methyl isobutyl ketone.....	0.14	33.0	
<input type="checkbox"/> Nitrobenzene .....	0.068	14.0	
<input type="checkbox"/> Pyridine .....	0.014	16.0	
<input type="checkbox"/> Tetrachloroethylene.....	0.056	5.6	
<input type="checkbox"/> Toluene .....	0.08	28.0	
<input type="checkbox"/> 1,1,2-Trichloroethane .....	0.030	7.6	
<input type="checkbox"/> 1,1,1-Trichloroethane .....	0.054	5.6	
<input type="checkbox"/> 1,1,2-Trichloro-1,2,2-Trifluoroethane.....	0.057	28.0	
<input type="checkbox"/> Trichloroethylene.....	0.054	15.6	
<input type="checkbox"/> Trichloromonofluoromethane .....	0.02	33.0	
<input type="checkbox"/> Xylenes (total) .....	0.32	28.0	

F001, F002, F003, F004 and F005 wastewaters (Pharmaceutical Industry)	Concentration (in mg/l)
<input type="checkbox"/> Methylene chloride .....	0.44

**268.42 Technology Based Standards**

F005	Concentration in mg/l(ww) mg/kg(nww)
<input type="checkbox"/> 2-Nitropropane (F005) .....	Required Method(s)
<input type="checkbox"/> 2-Ethoxyethanol (F005) .....	Required Method(s)

**268.41 Table CCWE—Constituent Concentrations In Waste Extract**  
MARK STANDARD THAT APPLIES

F001-F005 spent solvents	Concentration (in mg/l)	
	Wastewaters	All other
<input type="checkbox"/> Carbon Disulfide.....	1.05	4.81
<input type="checkbox"/> Cyclohexanone.....	0.125	0.75
<input type="checkbox"/> Methanol.....	0.25	0.75

**California List Waste (applies in all states)**

Liquid hazardous waste including free liquids associated with any solid or sludge containing the following constituents or property:  
(circle all that apply for each subject waste noted on the reverse side of this form.)

	Concentration	Treatment Standard
pH ≤ 2.0.....	≥ 1,000.....	Neutralize/Stabilize
Cyanides.....	≥ 1,000.....	Cyanides Destruction/Stabilize
Arsenic.....	≥ 500.....	Metals Recovery/Solidification
Cadmium.....	≥ 100.....	Metals Recovery/Solidification
Chromium (VI).....	≥ 500.....	Metals Recovery/Solidification
Lead.....	≥ 500.....	Metals Recovery/Solidification
Mercury.....	≥ 20.....	Metals Recovery/Solidification
Nickel.....	≥ 134.....	Metals Recovery/Solidification
Selenium.....	≥ 100.....	Metals Recovery/Solidification
Thallium.....	≥ 130.....	Metals Recovery/Solidification
PCBs.....	≥ 50.....	Incineration/High Efficiency Boiler
Solid, sludge, or liquid Halogenated Organic Compounds (HOCs) listed in 40 CFR 268 Appendix III.....	≥ 1,000.....	Incineration/Carbon Adsorption/Solvent Extraction



USPC

A Subsidiary of  
Union Pacific CorporationNotification of Waste  
Subject to Land Disposal RestrictionsManifest number associated with waste shipment / Doc #  
93385773 / 65773

Generator Name

Douglas Aircraft Company

Pursuant to 40 CFR 268.7 (a), I hereby notify that this waste shipment contains a waste(s) that is (are) restricted under the land disposal restrictions contained in either 40 CFR 268 or RCRA Section 3004 (d). This shipment contains one or more of the following wastes which are subject to the specified treatment requirements.

## Waste (check appropriate boxes)

## Treatment Standard

1. ☐ F-Solvents ☐ F001 ☐ F002 ☐ F003 ☐ F004 ☐ F005

Complete Reverse Side

2.	List all D,F,K,U, or P Waste Codes (eg. F006, D003)	Subcategory (if any)	Treatability Group (eg. wastewater or nonwastewater)	Treatment Standard in 40CFR		If Required Method insert proper 5-letter code	USPCI acceptance #	California List / if applicable complete reverse side	Reason California List applies (list constituent or property from back)
				268.41(a) CCWE	268.43(a) CCW				
A.	D008	LEAD	NWW	✓			GM90-3012	<input type="checkbox"/>	
B.	D007	CHROMIUM	NWW			STAB	GM90-3010	<input type="checkbox"/>	
C.								<input type="checkbox"/>	
D.								<input type="checkbox"/>	
E.								<input type="checkbox"/>	
F.								<input type="checkbox"/>	
G.								<input type="checkbox"/>	
H.								<input type="checkbox"/>	
I.								<input type="checkbox"/>	
J.								<input type="checkbox"/>	

## 3. Special Requirements For F039, D001 and D002

☐ Multi-source leachate F039☐ D001 (other than residues from INCIN, RORGS or FSUBS)☐ D002☐ D001-D002: No F039 constituents above treatment standards

F039: Attach treatment standards; mark constituents that apply.

D001-D002: Attach sheet(s) identifying constituents from F039 list reasonably expected to be present in D001 and D002.

NOTE: "Wastewater" means a waste containing less than 1% filterable solids and less than 1% T.O.C.

## 4. Hazardous Debris Notification

☐ This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45.

Contaminants Subject to Treatment (please list waste codes applicable to the debris)


FACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to a waste code listed above for which a BDA treatment standard has been promulgated in 40 CFR 268.41 or 268.43.

## 5. Deadline Extensions and Variances

Certain LDR restricted wastes can be placed in a land disposal unit after the effective date of a prohibition provided they are subject to an extension or variance. Restricted wastes which qualify for a deadline extension are as follows:

Check applicable line		List waste codes for which extension applies
A.	<input type="checkbox"/> Hazardous Debris (May 8, 1994)	
B.	<input type="checkbox"/> F037, F038 removed from surface impoundments (June 30, 1994)	
C.	<input type="checkbox"/> Debris contaminated with newly listed waste (June 30, 1994)	
D.	<input type="checkbox"/> other _____	

Signature

Robert G. Tuell, Jr.

Printed Name

Robert G. Tuell, Jr.

Date

06-03-94

REVAUG93

GENERATOR MUST RETAIN COPY FOR RECORDS



# DOT EMERGENCY RESPONSE GUIDE 60

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: Waste corrosive solids, n.o.s.

8, UN1759, PGII

Technical Name(s): ACID SPILL CLEAN UP

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 60

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

Contact causes burns to skin and eyes.  
If inhaled, may be harmful.  
Fire may produce irritating or poisonous gases.  
Runoff from fire control or dilution water may cause pollution.

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.  
Flammable/poisonous gases may accumulate in tanks and hopper cars.  
Some of these materials may ignite combustibles (wood, paper, oil, etc.)

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas.  
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.  
**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**  
If water pollution occurs, notify the appropriate authorities.

#### FIRE

Some of these materials may react violently with water.  
**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

#### SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.  
**Large Spills:** Dike far ahead of liquid spill for later disposal.

#### FIRST AID

Move victim to fresh air; call emergency medical care.  
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.  
Remove and isolate contaminated clothing and shoes at the site.  
Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

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**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**



### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS <u>NOT</u> ON FIRE.		SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
ID No.	NAME OF MATERIAL	First ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)	First, ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

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DOT EMERGENCY RESPONSE GUIDE 31

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: RQ, waste environmentally hazardous substances, solid, n.o.s., 9, UN3077, PG IIITechnical Name(s): AsbestosEMERGENCY  
RESPONSE  
GUIDE  
FORM24 hr. Emergency Contact Tel. No.: 1-800-424-9300(Chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 31

**POTENTIAL HAZARDS****FIRE OR EXPLOSION**

Some of these materials may burn, but none of them ignites readily.

**HEALTH HAZARDS**

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

**EMERGENCY ACTION**

Keep unnecessary people away; isolate hazard area and deny entry.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**

If water pollution occurs, notify the appropriate authorities.

**FIRE****Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.**Large Fires:** Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

**Do not scatter spilled material with high-pressure water streams.**

Dike fire-control water for later disposal.

**SPILL OR LEAK**

Stop leak if you can do it without risk.

**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.**Large Spills:** Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

**FIRST AID**

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

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### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

**SMALL SPILLS**  
(Leak or spill from a small package or small leak from a large package.)

**LARGE SPILLS**  
(Leak or spill from a large package or spill from many small packages.)

ID No.	NAME OF MATERIAL	First ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)	First, ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

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**WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):**

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

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(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: RO, hazardous waste solid,

N.O.S., 9, NA 3077, PG III

Technical Name(s): Chromium

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (Chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 31

### POTENTIAL HAZARDS

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.

#### HEALTH HAZARDS

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

If water pollution occurs, notify the appropriate authorities.

#### FIRE

Small Fires: Dry chemical, CO2, water spray or regular foam.

Large Fires: Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

Do not scatter spilled material with high-pressure water streams.

Dike fire-control water for later disposal.

#### SPILL OR LEAK

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

#### FIRST AID

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

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The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

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ID No.	NAME OF MATERIAL	First ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)	First, ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

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WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

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# D.O.T. EMERGENCY RESPONSE GUIDE 31

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: RG, hazardous waste, solid  
n.o.s., 9, NA 3077, PG III

Technical Name(s): LEAD

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (Chemtrec)

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### POTENTIAL HAZARDS

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.

#### HEALTH HAZARDS

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

If water pollution occurs, notify the appropriate authorities.

#### FIRE

**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Large Fires:** Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

**Do not scatter spilled material with high-pressure water streams.**

Dike fire-control water for later disposal.

#### SPILL OR LEAK

Stop leak if you can do it without risk.

**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

#### FIRST AID

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

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## D.O.T. EMERGENCY RESPONSE GUIDE 31

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

ID No.	NAME OF MATERIAL	SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
		First ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)	First, ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)

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WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
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# DOT EMERGENCY RESPONSE GUIDE 31

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: RO, waste asbestos; 9; NA 2212;  
PG III

Technical Name(s): Asbestos

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (Chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 31

### POTENTIAL HAZARDS

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.

#### HEALTH HAZARDS

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

If water pollution occurs, notify the appropriate authorities.

#### FIRE

**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Large Fires:** Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

Do not scatter spilled material with high-pressure water streams.

Dike fire-control water for later disposal.

#### SPILL OR LEAK

Stop leak if you can do it without risk.

**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

#### FIRST AID

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**



### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS <u>NOT</u> ON FIRE.		SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
ID No.	NAME OF MATERIAL	First ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)	First, ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.



## D.O.T. EMERGENCY RESPONSE GUIDE 60

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: waste corrosive solids, n.o.s.,  
8, UN1759, PGII

Technical Name(s): Sodium Hydroxide

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (Chemtrec)

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

Contact causes burns to skin and eyes.  
If inhaled, may be harmful.  
Fire may produce irritating or poisonous gases.  
Runoff from fire control or dilution water may cause pollution.

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.  
Flammable/poisonous gases may accumulate in tanks and hopper cars.  
Some of these materials may ignite combustibles (wood, paper, oil, etc.)

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas.  
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.  
**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**  
If water pollution occurs, notify the appropriate authorities.

#### FIRE

Some of these materials may react violently with water.  
**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

#### SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.  
**Large Spills:** Dike far ahead of liquid spill for later disposal.

#### FIRST AID

Move victim to fresh air; call emergency medical care.  
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.  
Remove and isolate contaminated clothing and shoes at the site.  
Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic description and technical name entered by the shipper at the top of this form.

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**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**



### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

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WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
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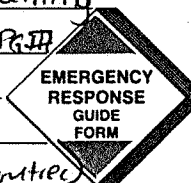
## D.O.T. EMERGENCY RESPONSE GUIDE 60

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: Waste Batteries, dry, containing  
potassium hydroxide solid, 8, UN3028, PGIII

Technical Name(s): Alkaline batteries



24 hr. Emergency Contact Tel. No.: 1-800-424-9300 Chemtrec

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

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## D.O.T. EMERGENCY RESPONSE GUIDE 60

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